

Han Xiao(Billy)

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OBJECTIVE :

Seeking a software internship by using my strong academic background, responsible personality, good communication skills and team collaboration skills.

EDUCATION :

Boston University
Bachelor of Science in Computer Science
Minor in Mathematics
Current Cumulative GPA: 3.48/4.00

Boston, MA,
May 2018

Honors and Awards:

2015 BU CAS Dean's List;
2016 BU CAS Dean's List

TECHNICAL SKILLS :

- Programming skills in Python, Java, and C, and familiar with the basic algorithms; experience of using MySQL to create schema.
- Familiar with Windows and iOS platform.

Relevant Courses:

- Cs 455(Computer Networks)
- Cs 562(advanced database)
- Cs 591(data mechanics)

COURSE PROJECTS:

Airbnb Re-evaluation

- Using python and MongoDB to build a new score system for Airbnb houses in Boston area. We import the datasets of some related fields of Airbnb surroundings such as crime incidents, restaurants, MBTA stops, etc.
- We normalized and used those datasets as factors of new scores for Airbnb houses.
- Finally, we created a visualization webpage of the result dataset which including the different factors of the new scores, the name and the URL for the Airbnb houses.

Boostmap application on string

- Using a newly proposed mapping technique: Boostmap, to map a really long database string into vector space so that the time of returning the most similar string is much lower.

Photo Share Application

- Using python flask and MySQL to create a photo share application which is similar to Instagram.

Chatroom application

- Using Java to create a server-client system which enables the clients in the chatroom can send message to everyone else in the chatroom or send private message to their individual friends.

WORK EXPERIENCES:

1. English teaching assistant in New Oriental Company, Beijing China.
 - Assisted teacher to teach students SAT vocabularies. Communicate with parents and New Oriental Office

GitHub Website: <https://github.com/HanXiaocs>